**Economic Feasibility**

As we have studied and analyzed most of the Internet of Things (IoT) projects are feasible economically. The purpose of IoT projects is It should be cheap and affordable that people can afford it easily. In Smart Switch Board we have used the following components with its prices:

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|  | * WIZwiki-W7500 Board - 2000Rs. * Remote Controlled Smart Switch Boards with Fan Regulator and Timer with 1 Power Socket – 2000Rs. * SHT15 Humidity and Temperature Sensor 500Rs. * Development tools and frameworks are open source and almost free of cost. * Wiring and small component cost approximately 500Rs. * Project maintenance and other costs that are not fixed yet can be approximate – 1000Rs. * The total cost of the project will not increase more than 7000Rs.   Note: The cost of testing and failure is not mentioned. For example, if some of the electronic components damaged during the implementation of project the cost are not predictable.  **Expected/derivable benefits**  Energy Saving is one of the significant benefits of the Smart Switch Board that can save users from high bills due to electric appliances waste energy while they are not required to be used.  It’s all about one-time cost, investing money on Smart Switch Boards are saving future’s bills.  Finally, it can reduce the possibility of fire that happens due to overheating of appliances with the help of Smart Switch Board users can set timer for how long the appliances will run.  **Operational Feasibility**  As operational feasibility is mainly concern about issues like whether the system will be used if it is developed and implemented successfully. As the technology is advancing day by day and home are emerging towards Smart Homes so we can say hopefully yes, the Smart Switch Board will have great demand in future in terms of usability and convince.  Our projects will be successful if we answer the following questions.   * Are the users not happy with current business practices? Will it reduce the time (operation) considerably? * Will the proposed system really benefit the organization? Will the system effect the customer's inconsiderable way?   Answer to the first question we can say the users are happy with the current manual system but satisfied because they have limited control over it. They will be happy and satisfied if they acquire more control and customization on the Switch Board. Smart Switch Board can be customized and controlled conveniently.  It will reduce the operation time dramatically, everything will be in the fingertip of users. They will be able to control the whole board from their smartphone.  In addition to it, the proposed system will also benefit the organizations from overbilling and saving energy and cost. Organizations can bring more customization for their benefits if they want by re-coding the main board of smart switch to make limits on what time the Smart Switch Board starts working and on exactly what time It should stop working. It will increase the productivity and efficiency of organizations.  It will affect the customers of any organization if the organization save the cost of the product and services they will afford their products and services at a lower price to its customers.  Ultimately, there is no need for special training of using of Smart Switch Board to its user. Almost everybody is familiar with the smartphone and they know how to turn on or off the flashlight of his/her smartphone. |